

Converting Colors

$Yxy(59.1937, 0.3802, 0.3716)$

Have a look what the booklet for
Yxy(59.1937, 0.3802, 0.3716)
contains.

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Color

Yxy(59.1610, 0.3799, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	EEC29C
RGB	238, 194, 156
RGB Percent	93%, 76%, 61%
CMY	0.0667, 0.2392, 0.3883
CMYK	0.00, 0.18, 0.34, 0.07
HSL	28°, 71%, 77%
HSV	28°, 34%, 93%
XYZ	60.5476, 59.1610, 39.6691
YIQ	202.8240, 38.4220, -2.4900

Conversions

Conversions Part 2

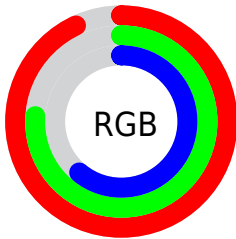
Format	Color
R _Y B	238, 227, 156
Decimal	15647388
CIE Lab	81.38, 10.48, 25.05
CIE LCh	81, 27.156, 67.305
Yxy	59.1610, 0.3799, 0.3712
Android (android.graphics.Color)	4293837468 (0xFFEEC29C)
YUV	202.8240, -23.0842, 30.8494
Hunter-Lab	76.9162, 5.9099, 23.2628

Details

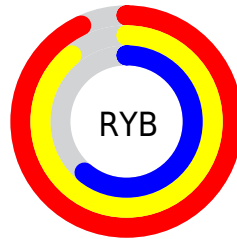
The Yxy color $59.1610, 0.3799, 0.3712$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $54.5236, 0.2578, 0.2824$, and the grayscale version is $59.7342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3344, 0.3396, 0.3674$, and $29.5794, 0.3982, 0.3807$ is the 20% darker color. If you saturate the color by 10%, you get $52.9961, 0.4053, 0.3835$, and if you desaturate by 10%, it is $65.9772, 0.3572, 0.3585$.

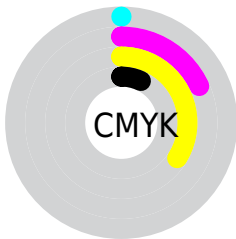
Distribution



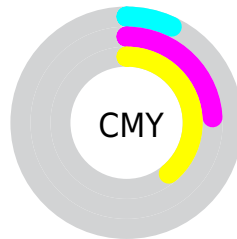
- Red (93%)
- Green (76%)
- Blue (61%)



- Red (93%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1610, 0.3799, 0.3712 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 59.1610, 0.3799, 0.3712 by changing the saturation by 10% instead.


 59.1610, 0.3799,
0.3712


 59.1610, 0.3799,
0.3712


421.4983, 0.3475,
0.3518

 42.7427, 0.3875,
0.3755


 103.6116, 0.3685,
0.3645

 29.6833, 0.3971,
0.3808


 132.4128, 0.3641,
0.3619

 19.5983, 0.4093,
0.3872


166.1103, 0.3603,
0.3597

 12.1034, 0.4255,
0.3953

205.0887, 0.3571,
0.3577

 6.8141, 0.4476,
0.4053

249.7323, 0.3542,
0.3559

 3.3461, 0.4794,
0.4175

300.4255, 0.3517,

 1.3150, 0.5509,

0.3544

0.4491

357.5527, 0.3495,
0.3530

0.1528, 0.7241,
0.2759

0.0000, 0.0000,
0.0000

59.1610, 0.3799,
0.3712

59.1610, 0.3799,
0.3712

52.9961, 0.4053,
0.3835

65.9772, 0.3572,
0.3585

47.4527, 0.4331,
0.3947

73.4567, 0.3371,
0.3460

42.5106, 0.4624,
0.4034

81.6215, 0.3197,
0.3341

38.1452, 0.4916,
0.4085

90.4899, 0.3046,
0.3229

■ 34.3291, 0.5190,
0.4087

■ 96.9150, 0.3023,
0.3290

■ 31.0315, 0.5425,
0.4033

■ 29.4086, 0.5538,
0.3985

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.1610, 0.3805, 0.3444



59.1610, 0.3799, 0.3712



59.1610, 0.3606, 0.3889

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1610, 0.3799, 0.3712



59.1610, 0.2653, 0.3406



59.1610, 0.2937, 0.2753

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.1610, 0.3799, 0.3712



54.5236, 0.2578, 0.2824

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.1610, 0.2650, 0.2721



59.1610, 0.3799, 0.3712



59.1610, 0.2494, 0.3074

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.1610, 0.3799, 0.3712



59.1610, 0.2940, 0.3721



59.1610, 0.2493, 0.2830



59.1610, 0.3291, 0.2910

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.1610, 0.3799, 0.3712



59.1610, 0.3403, 0.3919



59.1610, 0.2493, 0.2830



59.1610, 0.2830, 0.2727

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.1638, 0.3799, 0.3712



90.0494, 0.3291, 0.3407



46.1648, 0.3496, 0.2797



18.9891, 0.3316, 0.3423



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.1638, 0.3799, 0.3712



64.2958, 0.3966, 0.3795



79.3558, 0.3660, 0.4111



16.9672, 0.3282, 0.3400



16.6622, 0.5512, 0.4005



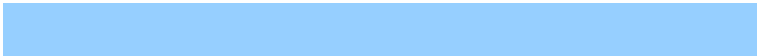
1.5833, 0.5294, 0.4178

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.5236, 0.2578, 0.2824



58.1354, 0.2471, 0.2716



38.4060, 0.2510, 0.2311



16.6326, 0.2980, 0.3178



12.2632, 0.1806, 0.1701



1.2192, 0.1869, 0.1926

Previews

White Background



This preview shows how the Yxy color 59.1610, 0.3799, 0.3712 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 59.1610, 0.3799, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

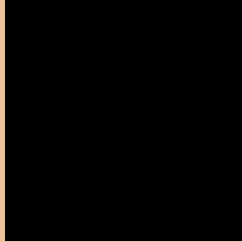
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1610, 0.3799, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 59.1610, 0.3799, 0.3712.



This preview shows how white text looks on a background with the Yxy color 59.1610, 0.3799, 0.3712.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.1610, 0.3799, 0.3712

Protanopia

59.2262, 0.3546, 0.3785

Deuteranopia

58.9884, 0.3790, 0.3713



Tritanopia

59.2854, 0.3476, 0.3141

Trichromacy



Original Color

59.1610, 0.3799, 0.3712

Protanomaly

59.0380, 0.3630, 0.3752

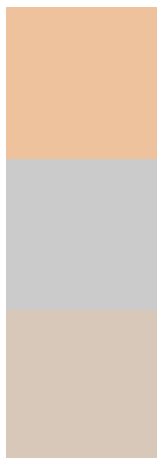
Deuteranomaly

58.9884, 0.3790, 0.3713

Tritanomaly

59.0305, 0.3596, 0.3346

Monochromacy



Original Color

59.1610, 0.3799, 0.3712

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4527, 0.3359, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1610, 0.3799, 0.3712 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 194, 156)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 194, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 156) }
```

Border

The CSS property to change the border of an element to Yxy 59.1610, 0.3799, 0.3712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 194, 156) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 194, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 194, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 156);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1610, 0.3799, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
194, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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